# Author index


Abu-Arafeh, I. Chronic tension type headache in children and adolescents, 830
Adachi, Y *see* Takeshima, T
Aldenhoff, JB *see* Göder, R
Allen, C *see* Lines, C
Allen, C & Dayno, J. Tolerability of sumatriptan: clinical trials and post-marketing experience, 855
Amanzio, M *see* Rainero, I
Amico, DD *see* Bussone, G
Andrasik, F *see* Grazzi, L
Antonaci, F *see* Pareja, JA
Antonaci, F, Ghirmai, S, Bono, G, Sandrini, G & Nappi, G. Cervicogenic headache: evaluation of the original diagnostic criteria, 573
Arendt-Nielsen, L *see* Kasch, H
Arsenault, AB *see* Dumas, J-P
Aull, S *see* Tribl, GG
Auterith, A *see* Tribl, GG
Azie, NE *see* Fleishaker, JC
Azie, N *see* Gomez-Mancilla, B

Bäcker, M, Sonder, D, Hammes, MG, Funke, D, Deppe, M, Conrad, B & Tölle, T. Altered cerebrovascular response pattern in interictal migraine during visual stimulation, 611
Baison, P *see* Pradalier, A
Bakketeig, LS *see* Sjaastad, O
Bakouche, P *see* Pradalier, A
Bartolini, A *see* Galeotti, N
Bassi, A *see* Centonze, V
Baudesson, G *see* Pradalier, A
Bellavance, A *see* Dumas, J-P
Benedetti, F *see* Rainero, I
Beneforti, E *see* Galeotti, N
Benseñor, IM, Cook, NR, Lee, IM, Chown, MJ, Hennekens, CH & Buring, JE. Low-dose aspirin for migraine prophylaxis in women, 175
Bergamasco, B *see* Rainero, I
Betz, H-D *see* Walach, H
Bigal, ME, Bordini, CA & Speciali, JG. Intravenous metamizol (Dipyrone) in acute migraine treatment and in episodic tension-type headache – a placebo-controlled study, 90
Bingham, S *see* Jones, MG
Black, L *see* Caro, G
Blunt, DE *see* Gomez-Mancilla, B
Boes, CJ *see* Goadsby, PJ
Bono, G *see* Antonaci, F
Bordini, CA *see* Bigal, ME
Bou, J, Gras, J, Cortijo, J, Morcillo, EJ, Llenas, J & Palacios, JM. Vascular effects of the new anti-migraine agent almotriptan on human cranial and peripheral arteries, 804
Boudreau, G *see* Dumas, J-P
Bousser, MG *see* Crassard, I
Bowen, JRC *see* Penart, A
Buring, JE *see* Benseñor, IM
Burrows, M *see* Caro, G
Bussone, G, Amico, DD, Mosconi, P, Genco, S, Usai, S, Prudenzano, AMP, Grazzi, L, Leon, M & Puca, FM. The Migraine Disability Assessment (MIDAS) questionnaire: translation and reliability of the Italian version, 947
Bussone, G *see* Centonze, V
Bussone, G *see* Grazzi, L
Buurma, H *see* Rahimtoola, H

Cademartiri, C *see* Torelli, P
Câmara, J *see* Martinez-Martin, P
Caminero, AB & Pareja, JA. Supraorbital neuralgia: a clinical study, 216
Caminero, AB *see* Pareja, JA
Carel, BJ *see* Fleishaker, JC
Caro, G, Getsios, D, Caro, JJ, Raggio, G, Burrows, M & Black, L. Sumatriptan: economic evidence for its use in the treatment of migraine, the Canadian comparative economic analysis, 12
Caro, JJ *see* Caro, G
Casado, JL *see* Pareja, JA
Causarano, V *see* Centonze, V
Centonze, V, D'Amico, D, Usai, S, Causarano, V, Bassi, A & Bussone, G. First Italian case of hypnic headache, with literature review and discussion of nosology, 71
Chen, W-T *see* Lu, S-R
Chown, MJ *see* Benseñor, IM
Chrubasik, J *see* Diener, HC
Chung, CS, Oh, K & Lee, SJ. Orthostatic headache: an unusual presentation of a skull base tumour, 1000
Cicero, AFG *see* Pini, LA
Cologno, D *see* Torelli, P
Comi, RJ *see* Ward, TN
Conrad, B *see* Bäcker, M
Conrad, J *see* Crassard, I
Cook, NR *see* Benseñor, IM
Cornaille-Lafage, G *see* Pradalier, A
Cornet, ME *see* Martinez-Martin, P
Corral, J *see* Iniesta, JA
Cortijo, J *see* Bou, J
Coskun, O *see* Karakurum, B
Couch, JR *see* Gomez-Mancilla, B
Crassard, I, Conrad, J & Bousser, MG. Migraine and haemostasis, 630
Cromwell, LD *see* Ward, TN
Cruccu, G *see* Leandri, M
Cutler, NR *see* Gomez-Mancilla, B

D'Amico, D *see* Centonze, V
D'Amico, D *see* Grazzi, L
D'Andrea, G & Granella, F. SUNCT syndrome: the first case in childhood, 701
D'Arrigo, S *see* Lanzi, G
Da Silva, H *see* Kowacs, PA
Dahlöf, C & Linde, M. One-year prevalence of migraine in Sweden: a population-based study in adults, 664
Dalhöf, C. Assessing patient preference in migraine treatment, 791
Dahlöf, C *see* Diener, HC
Darodi, RB. Ophthalmoplegic migraine, 81
Dayno, J *see* Allen, C
De Beukelaar, F *see* Diener, HC
De Silvestri, A *see* Lanzi, G
De Vries, P *see* Willems, EW
De Vries, P *see* Tom, B
Del Bene, E *see* Galeotti, N
Delage, A *see* Pradalier, A
Delagrange, P *see* Tom, B
Deppe, M *see* Bäcker, M
Despuig, J *see* Martinez-Martin, P
Diamond, S *see* Gomez-Mancilla, B
Diaz Orunto, A *see* Iniesta, JA
Diener, HC. Editorial commentary, 167
Diener, HC, Hartung, E, Chrubasik, J, Evers, S, Schoenen, J, Eikermann, A, Latta, G & Hauke, W. A comparative study of oral acetylsalicylic acid and metoprolol for the prophylactic treatment of migraine. A randomized, controlled, double-blind, parallel group phase III study, 120
Diener, HC, Krupp, P, Schmitt, T, Steitz, G, Milde, K & Freytag, S. Cyclandelate in the prophylaxis of migraine: a placebo-controlled study, 66
Diener, HC, Louis, P, Schellens, R & De Beukelaar, F. Treatment of migraine attacks with intranasal alniditan: an open study, 140
Diener, HC, Tfelt-Hansen, P, De Beukelaar, F, Ferrari, MD, Olesen, J, Dahlöf, C & Mathew, N. The efficacy and safety of sc Alniditan vs sc Sumatriptan in the acute treatment of migriane: a randomized, double blind, placebo-controlled trial, 672
Diez-Tejedor, E *see* Martinez-Martin, P
Dikshit, M *see* Shukla, R

# Author index


Abu-Arafeh, I. Chronic tension type headache in children and adolescents, 830
Adachi, Y *see* Takeshima, T
Aldenhoff, JB *see* Göder, R
Allen, C *see* Lines, C
Allen, C & Dayno, J. Tolerability of sumatriptan: clinical trials and post-marketing experience, 855
Amanzio, M *see* Rainero, I
Amico, DD *see* Bussone, G
Andrasik, F *see* Grazzi, L
Antonaci, F *see* Pareja, JA
Antonaci, F, Ghirmai, S, Bono, G, Sandrini, G & Nappi, G. Cervicogenic headache: evaluation of the original diagnostic criteria, 573
Arendt-Nielsen, L *see* Kasch, H
Arsenault, AB *see* Dumas, J-P
Aull, S *see* Tribl, GG
Auterith, A *see* Tribl, GG
Azie, NE *see* Fleishaker, JC
Azie, N *see* Gomez-Mancilla, B

Bäcker, M, Sonder, D, Hammes, MG, Funke, D, Deppe, M, Conrad, B & Tölle, T. Altered cerebrovascular response pattern in interictal migraine during visual stimulation, 611
Baison, P *see* Pradalier, A
Bakketeig, LS *see* Sjaastad, O
Bakouche, P *see* Pradalier, A
Bartolini, A *see* Galeotti, N
Bassi, A *see* Centonze, V
Baudesson, G *see* Pradalier, A
Bellavance, A *see* Dumas, J-P
Benedetti, F *see* Rainero, I
Beneforti, E *see* Galeotti, N
Benseñor, IM, Cook, NR, Lee, IM, Chown, MJ, Hennekens, CH & Buring, JE. Low-dose aspirin for migraine prophylaxis in women, 175
Bergamasco, B *see* Rainero, I
Betz, H-D *see* Walach, H
Bigal, ME, Bordini, CA & Speciali, JG. Intravenous metamizol (Dipyrone) in acute migraine treatment and in episodic tension-type headache – a placebo-controlled study, 90
Bingham, S *see* Jones, MG
Black, L *see* Caro, G
Blunt, DE *see* Gomez-Mancilla, B
Boes, CJ *see* Goadsby, PJ
Bono, G *see* Antonaci, F
Bordini, CA *see* Bigal, ME
Bou, J, Gras, J, Cortijo, J, Morcillo, EJ, Llenas, J & Palacios, JM. Vascular effects of the new anti-migraine agent almotriptan on human cranial and peripheral arteries, 804
Boudreau, G *see* Dumas, J-P
Bousser, MG *see* Crassard, I
Bowen, JRC *see* Penart, A
Buring, JE *see* Benseñor, IM
Burrows, M *see* Caro, G
Bussone, G, Amico, DD, Mosconi, P, Genco, S, Usai, S, Prudenzano, AMP, Grazzi, L, Leon, M & Puca, FM. The Migraine Disability Assessment (MIDAS) questionnaire: translation and reliability of the Italian version, 947
Bussone, G *see* Centonze, V
Bussone, G *see* Grazzi, L
Buurma, H *see* Rahimtoola, H

Cademartiri, C *see* Torelli, P
Câmara, J *see* Martinez-Martin, P
Caminero, AB & Pareja, JA. Supraorbital neuralgia: a clinical study, 216
Caminero, AB *see* Pareja, JA
Carel, BJ *see* Fleishaker, JC
Caro, G, Getsios, D, Caro, JJ, Raggio, G, Burrows, M & Black, L. Sumatriptan: economic evidence for its use in the treatment of migraine, the Canadian comparative economic analysis, 12
Caro, JJ *see* Caro, G
Casado, JL *see* Pareja, JA
Causarano, V *see* Centonze, V
Centonze, V, D'Amico, D, Usai, S, Causarano, V, Bassi, A & Bussone, G. First Italian case of hypnic headache, with literature review and discussion of nosology, 71
Chen, W-T *see* Lu, S-R
Chown, MJ *see* Benseñor, IM
Chrubasik, J *see* Diener, HC
Chung, CS, Oh, K & Lee, SJ. Orthostatic headache: an unusual presentation of a skull base tumour, 1000
Cicero, AFG *see* Pini, LA
Cologno, D *see* Torelli, P
Comi, RJ *see* Ward, TN
Conrad, B *see* Bäcker, M
Conrad, J *see* Crassard, I
Cook, NR *see* Benseñor, IM
Cornaille-Lafage, G *see* Pradalier, A
Cornet, ME *see* Martinez-Martin, P
Corral, J *see* Iniesta, JA
Cortijo, J *see* Bou, J
Coskun, O *see* Karakurum, B
Couch, JR *see* Gomez-Mancilla, B
Crassard, I, Conrad, J & Bousser, MG. Migraine and haemostasis, 630
Cromwell, LD *see* Ward, TN
Cruccu, G *see* Leandri, M
Cutler, NR *see* Gomez-Mancilla, B

D'Amico, D *see* Centonze, V
D'Amico, D *see* Grazzi, L
D'Andrea, G & Granella, F. SUNCT syndrome: the first case in childhood, 701
D'Arrigo, S *see* Lanzi, G
Da Silva, H *see* Kowacs, PA
Dahlöf, C & Linde, M. One-year prevalence of migraine in Sweden: a population-based study in adults, 664
Dalhöf, C. Assessing patient preference in migraine treatment, 791
Dahlöf, C *see* Diener, HC
Darodi, RB. Ophthalmoplegic migraine, 81
Dayno, J *see* Allen, C
De Beukelaar, F *see* Diener, HC
De Silvestri, A *see* Lanzi, G
De Vries, P *see* Willems, EW
De Vries, P *see* Tom, B
Del Bene, E *see* Galeotti, N
Delage, A *see* Pradalier, A
Delagrange, P *see* Tom, B
Deppe, M *see* Bäcker, M
Despuig, J *see* Martinez-Martin, P
Diamond, S *see* Gomez-Mancilla, B
Diaz Orunto, A *see* Iniesta, JA
Diener, HC. Editorial commentary, 167
Diener, HC, Hartung, E, Chrubasik, J, Evers, S, Schoenen, J, Eikermann, A, Latta, G & Hauke, W. A comparative study of oral acetylsalicylic acid and metoprolol for the prophylactic treatment of migraine. A randomized, controlled, double-blind, parallel group phase III study, 120
Diener, HC, Krupp, P, Schmitt, T, Steitz, G, Milde, K & Freytag, S. Cyclandelate in the prophylaxis of migraine: a placebo-controlled study, 66
Diener, HC, Louis, P, Schellens, R & De Beukelaar, F. Treatment of migraine attacks with intranasal alniditan: an open study, 140
Diener, HC, Tfelt-Hansen, P, De Beukelaar, F, Ferrari, MD, Olesen, J, Dahlöf, C & Mathew, N. The efficacy and safety of sc Alniditan vs sc Sumatriptan in the acute treatment of migriane: a randomized, double blind, placebo-controlled trial, 672
Diez-Tejedor, E *see* Martinez-Martin, P
Dikshit, M *see* Shukla, R

Dodick, D. Hemicrania continua: diagnostic criteria and nosologic status, 869
Dora, B *see* Karakurum, B
Dumas, J-P, Arsenault, AB, Boudreau, G, Magnoux, E, Lepage, Y, Bellavance, A & Loisel, P. Physical impairments in cervicogenic headache: traumatic vs. nontraumatic onset, 884

Edvinsson, L. Sensory nerves in man and their role in primary headaches, 761
Edvinsson, L *see* Tajti, J
Eekers, PJE & Koehler, PJ. Naratriptan prophylactic treatment in cluster headache, 75
Egberts, ACG *see* Rahimtoola, H
Eikermann, A *see* Diener, HC
Ekbom, K *see* Sjöstrand, C
Ellis, M *see* Hering-Hanit, R
Engelhorn, AL *see* Piovesan, EJ
Erdman, RAM *see* Passchier, J
Erfurth, A *see* Luttmann, R
Evers, S *see* Diener, HC
Evers, S *see* Luttmann, R
Evers, S *see* Sörös, P

Falco, L *see* Zanchin, G
Fasmer, OB. The prevalence of migraine in patients with bipolar and unipolar affective disorders, 894
Ferrari, MD. Editorial commentary, 711
Ferrari, MD, Loder, E, McCarroll, KA & Lines, CR. Meta-analysis of rizatriptan efficacy in randomized controlled clinical trials, 129
Ferrari, MD *see* Diener, HC
Ferrari, MD *see* Haan, J
Ferrari-Ginevra, O *see* Lanzi, G
Fink, M *see* Karst, M
Firth, M *see* Penart, A
Fleishaker, JC, Sisson, TA, Carel, BJ & Azie, NE. Lack of pharmacokinetic interaction between the antimigraine compound, almotriptan and propanolol in healthy volunteers, 61
Fleishaker, J *see* Gomez-Mancilla, B
Fox, AW. Opioid chronopharmacology, 708
Fragoso, YD *see* Martinez-Martin, P
Franco, E *see* Pareja, JA
Frantis, RR *see* Haan, J
Frese, A *see* Luttmann, R
Frese, A *see* Sörös, P
Freytag, S *see* Diener, HC
Friedman, Z *see* Hering-Hanit, R
Fritzer, G *see* Göder, R
Fuh, J-L *see* Lu, S-R
Fuh, JL *see* Wang, SJ
Fukuhara, Y *see* Takeshima, T
Funke, D *see* Bäcker, M

Galán, L *see* García Morales, I
Galeotti, N, Gherlardini, C, Zoppi, M, Del Bene, E, Raimondi, L, Beneforti, E & Bartolini, A. Hypofunctionality of Gi proteins as actiopathogenic mechanism for migraine and cluster headache, 38
García Morales, I, Porta-Etessam, J, Galán, L, Lagares, A & Molina, JA. Recurrent subdural haematomas in a patient with spontaneous intercranial hypotension, 703
Gardella, L, Viruega, A, Rojas, H & Nagel, J. A case of a patient with SUNCT Syndrome treated with Jannetta procedure, 996
Garg, RK. Reurrent thunderclap headache associated with reversible vasopasm causing stroke, 78
Genco, S *see* Bussone, G
Gerber, WD *see* Göder, R
Getsios, D *see* Caro, G
Gherlardini, C *see* Galeotti, N
Ghirmai, S *see* Antonaci, F
Giedratis, V *see* Sjöstrand, C
Goadsby, PJ. Editorial, 629
Goadsby, PJ, Matharu, MS & Boes, CJ. SUNCT syndrome or trigeminal neuralgia with lacrimation, 82
Göbel, H. Classification of headaches, 770
Göder, R, Fritzer, G, Kapsokalyvas, A, Kropp, P, Niederberger, U, Strenge, H, Gerber, WD & Aldenhoff, JB. Polysomnographic findings in nights preceding a migraine attack, 31
Goldstein, DJ, Offen, WW, Klein, EG, Phebus, LA, Hipskind, P, Johnson, KW & Ryan Jr, RE. Lanepitant, an NK-1 antagonist, in migraine prevention, 102
Goldstein, J *see* Gomez-Mancilla, B
Gomez-Mancilla, B, Cutler, NR, Leibowitz, MT, Spierings, ELH, Klapper, JA, Diamond, S, Goldstein, J, Smith, T, Couch, JR, Fleishaker, J, Azie, N & Blunt, DE. Safety and efficacy of PNU-142633, a selective 5-$HT_{1D}$ agonist, in patients with acute migraine, 727
Gonzalez-Conejero, R *see* Iniesta, JA
Gottlieb, A *see* Leandri, M
Gouveia, RG *see* Martins, IP
Graham, CB & Wippold, FJ. Headache in the HIV patient: a review with special attention to the role of imaging, 169
Granella, F *see* Zanchin, G
Granella, F *see* D'Andrea, G
Gras, J *see* Bou, J
Grazzi, L *see* Bussone, G
Grazzi, L, Andrasik, F, D'Amico, D, Leone, M, Moschiano, F & Bussone, G. Electromyographic biofeedback-assisted relaxation training in juvenile episodic tension-type headache: clinical outcome at three-year follow up, 798
Guglielmino, CR *see* Lanzi, G

Haan, J, Van Vliet, JA, Kors, EE, Terwindt, GM, Vermeulen, FLMG, Van Den Maagdenberg, AMJM, Frantis, RR & Ferrari, MD. No involvement of the calcium channel gene (CACNA1A) in a family with cluster headache, 959
Hammes, MG *see* Bäcker, M
Hartung, E *see* Diener, HC
Hauke, W *see* Diener, HC
Hazebroek-Kampschreur, AAJM *see* Hunfeld, JAM
Heiligers, JPC *see* Tom, B
Heiligers, JPC *see* Willems, EW
Hennekens, CH *see* Benseñor, IM
Hering-Hanit, R, Friedman, Z, Schlesinger, I & Ellis, M. Evidence for activation of the coagulation system in migraine with aura, 137
Hering-Hanit, R *see* Mosek, A
Hilkert, J *see* Sjöstrand, C
Hipskind, P *see* Goldstein, DJ
Huber, M *see* Sabatowski, R
Hunfeld, JAM, Passchier, J, Perquin, CW, Hazebroek-Kampschreur, AAJM, Van Suijlekom-Smit, LWA & Van Der Wouden, JC. Quality of life in adolescents with chronic pain in the head or at other locations, 201
Husain, M *see* Shukla, R
Husstedt, IW *see* Luttmann, R
Husstedt, IW *see* Sörös, P

Inan, LE *see* Karakurum, B
Iniesta, JA, Corral, J, Gonzalez-Conejero, R, Díaz Orunto, A, Martinez Navarro, ML & Vicente, V. Role of factor XIII Val 34 Leu polymorphism in patients with migriane, 837
Ishizaki, K *see* Takeshima, T
Iversen, HK. Human migraine models, 781

Jacome, DE. Compulsive yawning as migraine premonitory symptom, 623
Jacome, DE. Exploding head syndrome and idiopathic stabbing headache relieved by nifedipine, 617
Jacome, DE. Primary yawning headache, 697
Jankelowitz, SK & Zagami, AS. Cold-stimulus headache, 1002
Jensen, R. Mechanisms of tension-type headache, 786
Jensen, R & Tfelt-Hansen, P. Milestones in headache research. A tribute to Jes Olesen, 747

Jensen, T. Recent advances in pain research: implications for chronic headache, 765
Johnson, KW *see* Goldstein, DJ
Jones, MG, Lever, I, Bingham, S, Read, S, McMahon, SB & Parsons, A. Nitric oxide potentiates response of trigeminal neurones to dural or facial stimulation in the rat , 643
Juang, K-D *see* Lu, S-R

Kapoor, K *see* Willems, EW
Kapsokalyvas, A *see* Göder, R
Karaalin, O *see* Karakurum, B
Karakurum, B, Karaalin, O, Coskun, Ö, Dora, B, Ülçer, S & Inan, LE. The 'dry needle technique': intramuscular stimulation in tension-type headache, 813
Karenberg, A & Leitz, C. Headache in magical and medical papyri of Ancient Egypt, 911
Karst, M, Reinhard, M, Thum, P, Wiese, B, Rollnik, J & Fink, M. Needle acupuncture in tension-type headache: a randomized, placebo-controlled study, 637
Kasch, H, Stengaard-Pedersen, K, Arendt-Nielsen, L & Staehelin Jensen, T. Pain thresholds and tenderness in neck and head following acute whiplash injury: a prospective study, 189
Kemper, RHA, Meijler, WJ, Korf, J & Ter Horst, GJ. Migraine and function of the immune system: a meta-analysis of clinical literature published between 1966 and 1999, 549
Kemper, RHA *see* Ter Horst, GJ
Khanna, VK *see* Shukla, R
Klapper, JA & O'Connor, S. Rizatriptan wafer–sublingual vs. placebo at the onset of acute migraine, 77
Klapper, JA *see* Gomez-Mancilla, B
Klein, EG *see* Goldstein, DJ
Kloster, R *see* Vilming, ST
Koehler, PJ *see* Eekers, PJE
Korf, J *see* Kemper, RHA
Korf, J *see* Ter Horst, GJ
Kors, EE *see* Haan, J
Kowa, H *see* Takeshima, T
Kowacs, PA, Piovesan, EJ, Lange, MC, Werneck, LC, Tatsui, CE, Ribas, LC, Scapucin, L, Marques, LEA & Moreira, ATR. Prevalence and clinical features of migraine in a population of visually impaired subjects in Curitiba, Brazil, 900
Kowacs, PA, Piovesan, EJ, Tatsui, CE, Lange, MC, Werneck, LC & Vincent, M. Symptomatic trigeminal-autonomic cephalalgia evolving to trigeminal neuralgia: report of a case associated with dual pathology, 917
Kowacs, PA, Piovesan, EJ, Werneck, LC, Tatsui, CE, Lange, MC, Ribas, LC & Da Silva, H. Influence of intense light stimulation on trigeminal and cervical pain perception thresholds, 184
Kowacs, PA *see* Piovesan, EJ
Kropp, P *see* Göder, R
Kruyp, P *see* Diener, HC
Krymchantowski, AV & Moreira, PF. Clinical presentation of transformed migraine: possible differences among male and female patients, 558
Kuritzky, A *see* Mosek, A
Kusumi, M *see* Takeshima, T

Lagares, A *see* Garcia Morales, I
Lance, JW & Zagami, AS. Opthalmoplegic migraine: a recurrent demyelinating neuropathy?, 84
Lance, JW. Global impact of Danish headache research, 753
Lange, MC *see* Kowacs, PA
Lange, MC *see* Kowacs, PA
Lange, MC *see* Kowacs, PA
Lange, MC *see* Piovesan, EJ
Lange, MC *see* Piovesan, EJ
Lanzi, G, Zambrino, CA, Ferrari-Ginevra, O, Termine, C, D'Arrigo, S, Vercelli, P, De Silvestri, A & Guglielmino, CR. Personality traits in childhood and adolescent headache, 53
Latta, G *see* Diener, HC
Launay, JM *see* Pradalier, A
Lauritzen, M. Cortical spreading depression in migraine, 757
Lavados, PM & Tenhamm, E. Consulting behaviour in migraine and tension-type headache sufferers: a population survey in Santiago, Chile, 733
Leandri, M, Luzzani, M, Cruccu, G & Gottlieb, A. Drug-resistant cluster headache responding to gabapentin: a pilot study, 744
Lee, IM *see* Benseñor, IM
Lee, SJ *see* Chung, CS
Leibowitz, MT *see* Gomez-Mancilla, B
Leira, R *see* Martinez-Martin, P
Leira, R *see* Pascual, J
Leitz, C *see* Karenberg, A
Leon, M *see* Bussone, G
Leone, M *see* Grazzi, L
Lepage, Y *see* Dumas, J-P
Leufkens, HG *see* Rahimtoola, H
Lever, I *see* Jones, MG
Liaño, H *see* Martinez-Martin, P
Ligaya, M *see* Takeshima, T
Linde, M *see* Dahlöf, C

Lines, C, Allen, C & McCarroll, K. Evidence-based migraine therapy, 932
Lines, CR *see* Ferrari, MD
Lipchik, GL *see* Rains, JC
Llenas, J *see* Bou, J
Loder, E *see* Ferrari, MD
Loisel, P *see* Dumas, J-P
Louis, P *see* Diener, HC
Lu, S-R, Fuh, J-L, Chen, W-T, Juang, K-D & Wang, S-J. Chronic daily headache in Taipei, Taiwan: prevalence, follow-up and outcome predictors, 980
Lu, SR *see* Wang, SJ
Lustig, JP *see* Solomon, S
Luttmann, R, Frese, A, Erfurth, A, Husstedt, IW & Evers, S. Corticosteroid-induced acute mania during cluster headache episode, 852
Luzzani, M *see* Leandri, M

Maggioni, F *see* Zanchin, G
Magnoux, E *see* Dumas, J-P
Manzoni, GC *see* Torelli, P
Manzoni, GC *see* Zanchin, G
Marques, LEA *see* Kowacs, PA
Martin, GR *see* Martin, RS
Martin, RS & Martin, GR. Investigations into migraine pathogenesis: time course for effects of m-CPP, BW723C86 or glyceryl trinitrate on appearance of Fos-like immunoreactivity in rat trigeminal nucleus caudalis (TNC), 46
Martinez-Martin, P, Raffaelli Jr, E, Titus, F, Despuig, J, Fragoso, YD, Diez-Tejedor, E, Liaño, H, Leira, R, Cornet, ME, Van Toor, BSJ, Cámara, J, Peil, H, Vix, JM & Ortiz, P. Efficacy and afety of metamizol vs. acetylsalicylic acid in patients with moderate episodic tension-type headache: a randomized, double-blind, placebo- and active-controlled, multicentre study, 604
Martinez Navarro, ML *see* Iniesta, JA
Martins, IP & Gouveia, RG. Hypnic headache and travel across time zones: a case report, 928
Matharu, MS *see* Goadsby, PJ.
Mathew, N *see* Diener, HC
Mattsson, P. Headache caused by drinking cold water is common and related to active migraine, 230
McCarroll, KA *see* Ferrari, MD
McCarroll, K *see* Lines, C
McKenna, SP *see* Passchier, J
McMahon, SB *see* Jones, MG
Meijler, WJ *see* Kemper, RHA
Meijler, WJ *see* Ter Horst, GJ
Meuser, T *see* Sabatowski, R
Milde, K *see* Diener, HC

Mokri, B. Posture-related headaches and pachymeningeal enhancement in CSF leaks from craniotomy site, 976
Molina, JA *see* García Morales, I
Morcillo, EJ *see* Bou, J
Moreira, ATR *see* Kowacs, PA
Moreira, PF *see* Krymchantowski, AV
Morin, G, Ribacoba, R, Solar, DN & Vidal, JA. SUNCT syndrome and seborrheic dermatitis associated with craneosynostosis, 157
Moschiano, F *see* Grazzi, L
Mosconi, P *see* Bussone, G
Mosek, A, Hering-Hanit, R & Kuritzky, A. New onset cluster headache in middle-age and elderly women, 198
Mourik, JC *see* Passchier, J
Muñoz, R *see* Pascual, J

Nag, D *see* Shukla, R
Nagel, J *see* Gardella, L
Nakashima, K *see* Takeshima, T
Nappi, G *see* Antonaci, F
Niederberger, U *see* Göder, R

O'Connor, S *see* Klapper, JA
Offen, WW *see* Goldstein, DJ
Oh, K *see* Chung, CS
Olesen, J *see* Diener, HC
Ortiz, P *see* Martínez-Martín, P

Palacios, JM *see* Bou, J
Pareja, JA, Antonaci, F & Vincent, M. The hemicrania continua diagnosis, 940
Pareja, JA, Caminero, AB, Franco, E, Casado, JL, Pascual, J & Sánchez Del Río, M. Dose, efficacy and tolerability of long-term indomethacin treatment of chronic paroxysmal hemicrania and hemicrania continua, 906
Pareja, JA, Vincent, M, Antonaci, F & Sjaastad, O. Hemicrania continua: diagnostic criteria and nosologic status, 874
Pareja, JA *see* Caminero, AB
Parsons, A *see* Jones, MG
Pascual, J, Muñoz, R & Leira, R. An open preference study with sumatriptan 50 mg and zolmitriptan 2.5 mg in 100 migraine patients, 680
Pascual, J *see* Pareja, JA
Passchier, J, Mourik, JC, McKenna, SP, Van Den Berg, M & Erdman, RAM. Evaluation of the Dutch version of the migraine quality of life instrument (MSQOL) and its application in headache coping, 823
Passchier, J *see* Hunfeld, JAM
Peil, H *see* Martínez-Martín, P
Penart, A, Firth, M & Bowen, JRC. Short-lasting unilateral neuralgiform headache with conjunctival injection and tearing (SUNCT) following presumed dorsolateral brainstem infarction, 236
Penzien, DB *see* Rains, JC
Peres, MFP & Rozen, TD. Melatonin in the preventive treatment of chronic cluster headache, 993
Peres, MFP *see* Young, WB
Peroutka, SJ. Analysis of Internet sites for headache, 20
Perquin, CW *see* Hunfeld, JAM
Pettersen, H *see* Sjaastad, O
Phebus, LA *see* Goldstein, DJ
Pinessi, L *see* Rainero, I
Pini, LA, Cicero, AFG & Sandrini, M. Long-term follow-up of patients treated for chronic headache with analgesic overuse , 878
Piovesan, EJ, Kowacs, PA, Tatsui, CE, Lange, MC, Ribas, LC & Werneck, LC. Referred pain after painful stimulation of the greater occipital nerve in humans. Evidence of convergence of cervical afferences to trigeminal nuclei, 107
Piovesan, EJ, Lange, MC, Werneck, LC, Kowacs, PA & Engelhorn, AL. Clusterlike headache. A secondary case to the subclavian steal phenomenon., 850
Piovesan, EJ *see* Kowacs, PA
Podoll, K & Robinson, D. Corona phenomenon as visual aura symptom in migraine, 712
Podoll, K & Robinson, D. Recurrent Lilliputian hallucinations as visual aura symptom in migraine, 990
Porta-Etessam, J *see* García Morales, I
Pradalier, A, Bakouche, P, Baudesson, G, Delage, A, Cornaille-Lafage, G, Launay, JM & Baison, P. Failure of Omega 3-polyunsaturated fatty acids in prevention of migrane: a double-blind study versus placebo, 818
Pradeep, S *see* Shukla, R
Prudenzano, AMP *see* Bussone, G
Puca, FM *see* Bussone, G

Radbruch, L *see* Sabatowski, R
Raffaelli Jr, E *see* Martínez-Martín, P
Raggio, G *see* Caro, G
Rahimtoola, H, Egberts, ACG, Buurma, H, Tijssen, CC & Leufkens, HG. Patterns of ergotamine and sumatriptan use in The Netherlands from 1991 to 1997, 596
Raimondi, L *see* Galeotti, N
Rainero, I, Amanzio, M, Vighetti, S, Bergamasco, B, Pinessi, L & Benedetti, F. Quantitative EEG responses to ischaemic arm stress in migraine, 224
Rains, JC, Penzien, DB, Lipchik, GL & Ramadan, NM. Diagnosis of migraine, empirical analysis of a large clinical sample of atypical migraine (IHS 1.7) patients and proposed revision of IHS criteria, 584
Ramadan, NM *see* Rains, JC
Rasmussen, BK. Epidemiology of headache, 774
Read, S *see* Jones, MG
Reinhard, M *see* Karst, M
Ribacoba, R *see* Morin, G
Ribas, LC *see* Kowacs, PA
Ribas, LC *see* Piovesan, EJ
Robinson, D *see* Podoll, K
Rojas, H *see* Gardella, L
Rollnik, J *see* Karst, M
Rossi, P *see* Zanchin, G
Rozen, TD. Melkersson-Rosenthal syndrome presenting as a new daily persistent headache: relief with dapsone, 924
Rozen, TD *see* Peres, MFP
Rozen, TD *see* Young, WB
Russell, M. No involvement of the calcium channel gene (CACNA1A) in a family with cluster headache, 939
Russell, MB. Genetics of migraine without aura, migraine with aura, migrainous disorder, head trauma migraine without aura and tension-type headache, 778
Ryan Jr, RE *see* Goldstein, DJ

Sabatowski, R, Huber, M, Meuser, T & Radbruch, L. Sunct-syndrome: a treatment option with local opioid blockade of the superior cervical ganglion? A case report, 154
Sakai, F *see* Takeshima, T
Sánchez Del Río, M *see* Pareja, JA
Sander, D *see* Bäcker, M
Sandrini, G *see* Antonaci, F
Sandrini, M *see* Pini, LA
Sandvik, L *see* Vilming, ST
Saxena, PR *see* Tom, B
Saxena, PR *see* Willems, EW
Scalbert, E *see* Tom, B
Scapucin, L *see* Kowacs, PA
Schellens, R *see* Diener, HC
Schlesinger, I *see* Hering-Hanit, R
Schmitt, T *see* Diener, HC
Schnider, P *see* Tribl, GG
Schoenen, J. Re-inventing the wheel or adding one to the headache pathogenesis vehicle, 796
Schoenen, J *see* Diener, HC
Schweickhardt, A *see* Walach, H

Serrano-Dueñas, M. Parkinson's and migraine, 706
Sesso, RM. SUNCT syndrome or trigeminal neuralgia with lacrimation and conjunctival injection?, 151
Seth, PK *see* Shukla, R
Shia, BC *see* Wang, SJ
Shukla, R, Khanna, VK, Pradeep, S, Husain, M, Tandon, R, Negi, D, Dikshit, M, Srimal, RC & Seth, PK. Platelet $^3$H ketanserin binding in migraine, 567
Siberstein, SD *see* Young, WB
Sisson, TA *see* Fleishaker, JC
Sjaastad, O, Pettersen, H & Bakketeig, LS. The Vågå study: epidemiology of headache I: The prevalence of ultrashort paroxysms, 207
Sjaastad, O *see* Pareja, JA
Sjöstrand, C, Giedratis, V, Ekbom, K, Waldenlind, E & Hillert, J. CACNA1A gene polymorphisms in cluster headache, 953
Smith, T *see* Gomez-Mancilla, B
Solar, DN *see* Moris, G
Solomon, S & Lustig, JP. Benign Raeder's syndrome is probably a manifestation of carotid artery disease, 1
Sóróis, P, Frese, A, Husstedt, IW & Evers, S Cluster headache after dental extraction: implications for the pathogenesis of cluster headache?, 619
Speciali, JG *see* Bigal, ME
Spierings, ELH *see* Gomez-Mancilla, B
Srimal, RC *see* Shukla, R
St Germain, DL *see* Ward, TN
Staehelin Jensen, T *see* Kasch, H
Steitz, G *see* Diener, HC
Stengaard-Pedersen, K *see* Kasch, H
Strenge, H *see* Göder, R

Tajti, J, Uddman, R & Edvinsson, L. Neuropeptide localization in the 'migraine generator' region of the human brainstem, 96
Takeshima, T, Fukuhara, Y, Adachi, Y, Ishizaki, K, Kusumi, M, Kowa, H, Ligaya, M, Sakai, F & Nakashima, K. Leucocyte mitochondrial DNAA to G polymorphism at 11084 is not a risk factor for Japanese migraineurs, 987
Tandon, R *see* Shukla, R
Tatsui, CE *see* Kowacs, PA
Tatsui, CE *see* Piovesan, EJ
Tenhumm, E *see* Lavados, PM
Ter Horst, GJ, Meijler, WJ, Korf, J & Kemper, RHA. Trigeminal nociception-induced cerebral Fos expression in the conscious rat, 963
Ter Horst, GJ *see* Kemper, RHA
Termine, C *see* Lanzi, G
Terwindt, GM *see* Haan, J
Tfelt-Hansen, P. History of headache research in Denmark, 748
Tfelt-Hansen, P *see* Diener, HC
Tfelt-Hansen, P *see* Jensen, R
Thum, P *see* Karst, M
Tijssen, CC *see* Rahimtoola, H
Titus, F *see* Martínez-Martín, P
Tolle, T *see* Bäcker, M
Tom, B, De Vries, P, Heiligers, JPC, Willems, EW, Scalbert, E, Delagrange, P & Saxena, PR. The lack of vasoconstrictor effect of the pineal hormone melatonin in an animal model predictive of antimigraine activity, 656
Tom, B *see* Willems, EW
Torelli, P, Cologno, D, Cademartiri, C & Manzoni, GC. Application of the International Headache Society classification criteria in 652 cluster headache patients, 145
Tribl, GG, Schnider, P, Wöber, C, Aull, S, Auterith, A, Zeiler, K & Wessely, P. Are there predictive factors for long-term outcome after withdrawal in drug-induced chronic daily headache, 691
Turbal, NS. Sumatriptan overdose in episodic cluster headache: a case report of overuse without event, 700

Uddman, R *see* Tajti, J
Ülçer, S *see* Karakurum, B
Usai, S *see* Bussone, G
Usai, S *see* Centonze, V

Van Den Berg, M *see* Passchier, J
Van Den Maagdenberg, AMJM *see* Haan, J
Van Der Wouden, JC *see* Hunfeld, JAM
Van Suijlekom-Smit, LWA *see* Hunfeld, JAM
Van Toor, BSJ *see* Martínez-Martín, P
Van Vilet, JA *see* Haan, J
Vercelli, P *see* Lanzi, G
Vermeulen, FLMG *see* Haan, J
Vicente, V *see* Iniesta, JA
Vidal, JA *see* Moris, G
Vighetti, S *see* Rainero, I
Vigl, M, Zebenholzer, K & Wessely, P. Cluster headache without autonomic symptoms?, 926
Villalón, CM *see* Willems, EW.
Vilming, ST, Kloster, R & Sandvik, L. The importance of sex, age, needle size, height and body mass index in post-lumbar puncture headache, 738
Vincent, M *see* Kowacs, PA
Vincent, M *see* Pareja, JA
Viruega, A *see* Gardella, L
Vix, JM *see* Martínez-Martín, P

Walach, H, Betz, H-D & Schweickhardt, A. Sferics and headache: a prospective study, 685
Waldenlind, E *see* Sjöstrand, C
Wang, SJ, Fuh, JL, Young, YH, Lu, SR & Shia, BC. Frequency and predictors of physician consultations for headache, 25
Wang, S-J *see* Lu, S-R
Ward, TN, St Germain, DL, Comi, RJ & Cromwell, LD. Rathke's cleft cyst as a secondary cause of headache: a case report, 921
Werneck, LC *see* Kowacs, PA
Werneck, LC *see* Piovesan, EJ
Wessely, P *see* Tribl, GG
Wessely, P *see* Vigl, M
Wiese, B *see* Karst, M
Willems, EW, Heiligers, JPC, De Vries, P, Kapoor, K, Tom, B, Villalón, CM & Saxena, PR. $\alpha_1$-adrenoceptor subtypes mediating vasoconstriction in the carotid circulation of anaesthetized pigs possible avenues for antimigraine drug development, 110
Willems, EW *see* Tom, B
Wippold, FJ *see* Graham, CB
Wöber, C *see* Tribl, GG

Young, WB & Siberstein, SD. Long-term follow-up of patients treated for chronic headache with analgesic overuse, 873
Young, WB, Peres, MFP & Rozen, TD. Modular headache theory, 842
Young, YH *see* Wang, SJ

Zagami, AS *see* Jankelowitz, SK
Zagami, AS *see* Lance, JW
Zambrino, CA *see* Lanzi, G
Zanchin, G, Maggioni, F, Granella, F, Rossi, P, Falco, L & Manzoni, GC. Self-administered pain-relieving manoeuvres in primary headaches, 718
Zebenholzer, K *see* Vigl, M
Zeiler, K *see* Tribl, GG
Zoppi, M *see* Galeotti, N

# Subject index


$^3$H ketanserin binding, 567
5HT agonist, 140, 711, 727
$5HT_{1B/1D}$ receptor agonist, 129
$5HT_2$ receptors, 567

α1-adrenoceptors, 110
acetylsalicyclic acid, 120, 167, 604
acupuncture, 637
acute treatment, 90
adenylate cyclase, 38
adolescence, 53, 201
algometry, 184
almotriptan, 672, 804
alniditan, 140
analgesic drug use, 878
analgesic overuse, 700, 873
analgesics, 691
Ancient Egypt, 911
ankle, 189
antibody, 630
anti-migraine therapeutic guidelines, 596
antiphospholipid, 630
application of cold or heat, 718
arteriovenous anastomoses, 110, 656
aspirin, 175
associated symptoms, 738
attack frequency, 611
aura, 137
autonomic nerves, 761
autonomic symptoms, 926

bipolar I disorder, 894
bipolar II disorder, 894
blindness, 900
body mass index, 738
BW723C86, 46

CACNA1A gene, 939, 953, 959
Canada, 12
capsaicin, 963
cardiovascular, 727
carotid, 110
carotid artery dissection, 1
carotid blood flow, 656
central sensitization, 786
cerebral blood flow, 757
cerebral haemodynamics, 611
cervical spinal cord, 107
cervicogenic headache, 573, 884
c-fos, 643
CGRP, 761
childhood, 53, 701
Chile, 733
chronic daily headache, 558, 584, 691, 830, 873, 878, 980, 993
chronic pain, 201, 765
chronic paroxysmal hemicrania, 842, 869, 874, 906, 940
chronic tension-type headache, 980
chronopharmacology, 708
classification, 770
clinical features, 145
clinical global impressions, 637
clinical presentation, 558
cluster headache, 38, 75, 145, 198, 619, 700, 744, 761, 842, 850, 852, 869, 874, 926, 939, 940, 953, 959, 963
cluster headache-like disorder, 143
coagulation, 137
cold-induced headache, 230, 1003
compression, 718
compulsive yawning, 623
computed tomography, 169
conjunctival injection, 151, 236
consulting behaviour, 733
cortical spreading, 757
corticosteroid-induced acute mania, 852
cost of illness, 12
craneosynostosis, 157
cranial neuralgia, 697
craniotomy, 976
CSF leak, 976
cyclandelate, 66
cytokines, 549

daily persistent headache, 924
Danish headache research, 753
dapsone, 924
DDI, 878
dental extraction, 619
depression, 637, 757
diagnostic criteria, 573
disability, 12, 947
discomfort, 185
dorsolateral brainstem infarction, 236
drug withdrawal, 691
dual pathology, 917

eagle syndrome, 697
efficacy parameters, 66, 672
elderly, 198
electromagnetic radiation, 685
electrophysiology, 643
EMG biofeedback, 798
endogenous pain modulation, 765
epidemiology, 664, 774
epidemiology genetics, 748
episodic, 700, 798
ergotamine, 596, 691
experimental, 778
exploding head syndrome, 617

factor XIII, 837
female, 558
follow-up, 878
Fos, 46
fTCD, 611

gaba, 744
gabapentin, 744
genetic study, 987
genetics, 778, 939, 953, 959
Gi proteins, 38
glyceryl trinitrate, 643
GTN, 46

habituation, 611
haemostasis, 630
headache coping, 823
headache in children and adolescents, 798
headache prevalence, 207
headache, 1, 20, 25, 102, 145, 169, 201, 207, 584, 685, 738, 770, 774, 781, 796, 830, 842, 911, 921
hemicrania continua, 842, 869, 874, 906, 940
hemicrania continua vera, 940
hemicrania generis incerti, 869, 874, 940
history, 748, 911
Horner's syndrome, 1
human, 781
human coronary artery, 804
human immunodeficiency virus (HIV), 169
human meningeal artery, 804
hypnic headache, 71, 928

idiopathic stabbing headache, 207, 617
IHS classification, 145
immunocytochemistry, 96
indomethacin, 869, 874, 906, 940
infection, 549
information, 20
injuries, 189
intercranial hypotension, 703
International Headache Society, 584, 770
Internet, 20
intramuscular stimulation, 813
intranasal application, 140
Italian translation, 947

jabs and jolts syndrome, 207
Jannetta procedure, 996

lacrimation, 82, 151
Lilliputian hallucinations, 990
local opiod blockade, 154
locus coeruleus, 96
long-term follow-up, 798, 873

low cerebrospinal fluid pressure, 738
lumbar puncture, 738
lymphocytes, 38

magnetic resonance imaging, 169
male, 558
massage, 718
m-CPP, 46
melatonin, 656, 993
Melkersson-Rosenthal syndrome, 924
metamizol, 90, 604
metoprolol, 120
Migraine Disability Assessment Questionnaire (MIDAS), 947
migraine, 12, 25, 31, 38, 46, 53, 61, 77, 96, 110, 120, 129, 137, 140, 167, 175, 184, 224, 230, 567, 573, 584, 604, 611, 623, 630, 643, 656, 664, 680, 685, 691, 697, 706, 711, 712, 727, 733, 748, 761, 770, 774, 778, 781, 791, 804, 818, 823, 837, 842, 894, 900, 939, 953, 959, 963, 987, 990, 932
migraine prophylaxis, 66, 102, 120
migraine with aura, 90
migraine without aura, 90, 947
mitochondria, 987
model, 12
modular headache theory, 796, 842
muscle pain, 189

naratriptan, 75
neck, 573
nervous system disorders, 911
neuralgia, 216
neurogenic inflammation, 549
neurokinin-1 agonist, 102
neurology, 911
neuronal excitability, 224
neuronal hyperexcitability, 765
neuropeptides, 96
nifedipine, 617
nitric oxide, 781
NO-donor, 786
non-noxious stress, 224
NOS-inhibitor, 786
nosology, 71, 584
noxious stress, 224

occipital nerve block, 107
omega-3 polyunsaturated fatty acids, 818
operationalized criteria, 770
opioid, 708
orthostatic headache, 1000
pachymeningeal enhancement, 976
pain, 107, 184, 963
palpation, 189
Parkinson's disease, 706
pathophysiology, 748, 786, 842
patient preference, 791
periaqueductal grey, 96
peripheral sensitization, 786
personality questionnaire, 53
personality traits, 53
pharmacokinetics, 61
physical impairments, 884
physician consultation, 25
pig, 110, 656
placebo, 66
placebo-controlled trial, 672
platelets, 567, 630
polymorphism, 837
polysomnography, 31
population, 733
postural headache, 976
power spectrum, 31
predictors for long-term outcome, 691
preference, 680
premonitory symptom, 623
prescription data, 596
pressure algometry, 189
pressure pain threshold, 184
prevalence, 230, 664, 980
prevention, 765
preventive treatment, 993
primary headaches, 718
prophylaxis, 175, 775, 167
prothrombin factor 1.2, 137
proto-oncogene protein c-Fos, 963

quality of life, 201, 823
quantitative electroencephalogram, 224

Raeder's syndrome, 1
raphe nuclei, 96
Rathke's cleft cyst, 921
receptor agonist, 129
relaxation training, 798
risk factor, 837, 987
Rizatriptan, 77, 129

safety, 672, 727
seborrheic dermatitis, 157
self-administered pain-relieving manoeuvres, 718
serotonin, 567, 727
serotonin receptor agonist, 61
sex, 738
sferics, 685
skull base tumour, 1000
socio-economic impact, 774
spinal needle, 738
stress, 549
stroke, 78, 630
subclavian steal phenomenon, 850
subdural haematoma, 703,
substance P agonist, 102
sumatriptan, 596, 672, 680, 700, 855
SUNCT syndrome, 82, 151, 154, 157, 236, 701, 996
superior cervical ganglion, 154
supraorbital nerve, 216
supraorbital neuralgia, 216
Sweden, 664

Taiwan, 25
temporomandibular joint dysfunction syndrome, 697
tension-type headache, 90, 604, 637, 691, 733, 748, 774, 778, 786, 798, 813, 830
test–retest reliability, 947
therapy, 637, 932
thrombophilia, 630
thunderclap headache, 78
time zones, 928
tolerability, 855
transformed migraine, 558, 980
travel, 928
treatment, 175, 791, 813
trigeminal, 963
trigeminal-autonomic cephalalgia, 917
trigeminal neuralgia, 82, 151, 842, 917
trigeminovascular reflex, 761

unilateral headaches, 216, 236, 869, 874, 940
unipolar depressive disorder, 894
usage patterns, 596

vasoactive compounds, 549
vasospasm, 78
VIP, 761
visual aura, 712, 980
visual illusion, 712
visual impairment, 900

weather sensitivity, 685
web sites, 20
whiplash, 884
whiplash injuries, 189
women, 167, 175, 198

yawning, 697

zolmitriptan, 680